

SENCOR®

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LED Television

SLE 1660M4

USER'S MANUAL

EN



CAREFULLY READ THIS USER'S MANUAL BEFORE PUTTING THE TELEVISION INTO OPERATION. KEEP IT FOR FUTURE USE. RECORD THE MODEL NUMBER AND THE SERIAL NUMBER OF THE TELEVISION. SEE THE LABEL ON THE REAR COVER AND PROVIDE THIS INFORMATION TO YOUR VENDOR IN THE EVENT THAT YOU REQUIRE REPAIRS.

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Important safety instructions

If you want to use this product correctly, carefully read this user's manual and store it for future reference. If you give (sell) the appliance to somebody, please also include all the documentation together with this appliance, including this user's manual.



The flash symbol in an equilateral triangle indicates that there is dangerous voltage inside this appliance, which presents a risk of injury by electrical shock.

To reduce the risk of injury by electrical shock do not remove the cover (or the rear side). There are no components inside which the user can repair. Have all repairs or adjustments performed at an authorised service centre.



The exclamation mark in an equilateral triangle symbol indicates important operating or servicing instructions in the appliance's documentation.

General safety instructions

- Read this user's manual. Follow the instructions contained in this user's manual.
- Heed all warnings.
- Adhere to all instructions.
- Use only accessories determined by the manufacturer.
- An open flame must not be placed on the appliance, e.g. burning candle.
- Use the appliance in a temperate climate zone.
- Neither the manufacturer nor the seller of the appliance under any condition takes responsibility for any direct or indirect damages caused by not adhering to instructions for installation, setup, use, service or cleaning of this appliance as described in this user's manual.
- Protect the appliance against being knocked, dropped, hit, shaken and against vibrations, humidity and dust.
- Before allowing children to use the appliance, they must be appropriately to their age, informed about the correct and safe use of the player.

Installation, operation

- Install the appliance according to the instructions in the user's manual.
- Leave free space on all sides of the appliance, necessary for proper air circulation. This removes the heat created during operation. Covering the ventilation openings of the appliance's case creates a risk of overheating or damaging the appliance. It is necessary to ensure that the ventilation openings are not blocked, e.g. by a newspaper, table cloth, curtain, etc. Follow the installation instructions in the user's manual.

- Do not install the appliance in direct sunlight or near sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) producing heat. High temperatures significantly reduce the lifetime of electronic components in the appliance. Do not use or leave the appliance in the vicinity of an open fire.
- The appliance must not be exposed to dripping or running water and objects filled with water must not be placed on it, e.g. vases. Protect the appliance against rain, spray or contact with any other liquid, do not leave or install the appliance outdoors. Do not use the appliance outdoors. Not adhering to these instructions creates a risk of electrical shock or fire hazard.
- Do not use this appliance near water.
- Do not attempt to circumvent the polarised power plug safety feature. If the power plug cannot be inserted into your power socket, contact a qualified electrician to replace the old type of power socket.
- Before connecting the appliance into a power socket, check that the voltage in your power socket corresponds to the voltage on the rating label of the appliance or on its power adapter.
- Make sure that the power cord is not stepped on or compressed, particularly near the power plug, power socket and at the point where it exits the appliance or the adapter. The power plug (adapter) is used as a disconnection device and must be easily accessible.
- Remember to always disconnect the power plug (adapter) from the power socket before disconnecting the power cable from the back side of the appliance.
- Disconnect the appliance from the power socket during storms or if you will not be using it for a longer time.
- Avoid moving the appliance from a cold environment to a warm one or vice versa, or when using the appliance in a very humid environment. Air humidity may condense on some components inside the case of the appliance and the appliance may stop working temporarily. If this occurs leave the appliance in a warm and well ventilated place and wait 1 – 2 hours until the moisture evaporates and the appliance can once more be used as usual. Take care especially during the first use of the player immediately after its purchase during a cold season.
- To recharge the battery block that is integrated into the appliance (if the appliance is equipped with one), place the appliance in a well ventilated place and at a sufficient distance from flammable materials.
- Neither the manufacturer nor the seller of the appliance under any condition takes responsibility for any direct or indirect damages caused by not adhering to instructions for installation, setup, use, service or cleaning of this appliance as described in this user's manual.
- Protect the appliance against being knocked, dropped, hit, shaken and against vibrations, humidity and dust.

Repairs and maintenance

- To prevent risk of injury through electrical shock or the creation of a fire, do not take the appliance out of the case - there are no parts inside the case repairable or adjustable by the user without relevant equipment and qualifications. Should the appliance require adjustment or repair, contact a professional service centre.

- In the case of any unusual events occurring during the use of the appliance, e.g. if there is a distinct smell of burning insulation or smoke comes out of the appliance, immediately turn off the appliance, disconnect the appliance from the power source and do not use the appliance until you have received the results of an inspection by the employees of the professional service centre.
- Have all repairs carried out by qualified personnel. Repairs are necessary if the appliance has been damaged in any way, for example if the power cord is damaged, liquid was poured on the appliance, foreign objects have entered the appliance, the appliance has been exposed to rain or moisture, if the appliance is not working as usual or if it has fallen.
- Before cleaning, carrying or other maintenance, disconnect the plug (adapter) from the power socket.
- Clean the appliance only with a dry cloth.
- For cleaning do not use petrol, thinners or any other solvents or use any abrasive cleaning agents, steel wool or any sponges with steel wool.

Remote control and batteries

- Do not expose the remote control or the batteries to direct sunlight or sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) that produce heat. Do not use or leave the appliance in the vicinity of an open fire.
- Neither the remote control nor the batteries may be exposed to dripping or running water and objects filled with water must not be placed on them, e.g. vases. Protect against exposure to rain, spraying or pouring of any kind of liquid. Do not use outdoors. Not following these instructions creates a danger of damage to the remote control or the battery.
- Do not use this appliance near water.
- It is necessary pay attention to the environmental impact aspects of battery disposal.
- Do not subject the remote control to large pressure. Do not place heavy objects on to the remote control.
- The incorrect use of batteries may cause the leakage of the electrolyte and corrosion. To ensure that the remote control works correctly, proceed according to the instructions below:
 - Do not insert the batteries in the wrong direction.
 - Do not recharge, heat, open or short circuit the batteries.
 - Do not throw batteries into a fire.
 - Do not leave discharged batteries in the remote control.
 - Do not combine various types of batteries or new and old batteries.
 - If you will not be using the remote control for a long period of time, remove the batteries to prevent potential damage caused by a subsequent battery leakage.
 - If the remote control is not working correctly or its operational range is reduced, change all batteries for new ones.
 - If electrolyte leaks out from the batteries, have the remote control cleaned at an authorised service centre.

**ATTENTION**

To prevent a fire hazard or injury by electrical shock, do not expose this appliance to rain or humidity.

**ATTENTION**

Batteries must not be exposed to excessive heat, for example sunlight, fire, etc.

Supplement to the LCD screen user's manual

SENCOR®

Warning about displaying static images, red/blue/green pixels on the screen.

Displaying a static image may cause permanent damage to the LCD panel.

- Do not display a static image on an LCD screen for longer than 2 hours as the image may remain in the picture of the screen. This permanent picture is called "screen burn-in". To prevent such permanent images, lower the brightness and contrast level on the screen when viewing a static image.
- A similar effect "image burn in" may occur on an LCD panel because of a permanently displayed television station logo.
- Viewing pictures in formats 4:3, 16:9 or similar modes, which do not cover the entire screen for an extended period of time may leave display marks on the left, right side or in the middle of the screen, caused by the differing light level on the screen. Playing a DVD or image from a game console can cause a similar effect on the screen.
- Displaying a static image of video games and from a computer for an extended period of time may cause partial image remains. To prevent this effect from occurring lower the brightness and contrast when displaying a static frame.



Damage resulting from the above mentioned causes is not covered by the warranty!

Red, blue, green and black pixels may appear on the screen.

- This is characteristic for liquid crystals and is not considered to be a problem. Liquid crystal panels are manufactured using a very precise technology bringing very fine image details. Occasionally inactive pixels may appear on the screen as permanent black, green, blue or red pixels (maximum 0.001% of the total number of pixels). Please take note that this does not affect the performance of the LCD screen.

Notes on the USB connector:

- USB flash drives must be inserted into the appliance directly. To prevent data transmission failure or its interference do not use USB extension cables. Electrostatic discharges may cause the appliance to malfunction. In such an event the user must restart the appliance.
- Before using a USB flash drive test its ability to communicate with the appliance and its data reading and writing speed.
- To achieve maximum reading speed we recommend that you keep disk space defragmented. Use the FAT32 file system, a single partition, without protection. If reading and writing on the USB flash disk is not continuous, undesirable effects may occur such as partial image loss (distortions/checkering effects) or complete image loss, audio defects, and in extreme cases the operation will be stopped. Unexpected behaviour of the connected flash drive, or the presence of viruses or other damaging software may cause the functions of the appliance to stop working, necessitating a restart.
- The USB connector is the standard type and is not able to power a USB device with a high power usage (e.g. hard disk drives HDD). Use devices with independent power supplies and power them from their own power supplies.
- The appliance was designed to achieve maximum compatibility with flash drives. With respect to the variety of devices on the market it is not possible to guarantee compatibility with every USB device. In the event of difficulties try formatting the flash drive directly in the appliance. If problems persist, use a different flash drive.

Due to the wide range of SD/MMC/MS cards / USB devices available on the market it is not possible to guarantee the compatibility of the appliance with all SD/MMC/MS cards / USB devices.

Serial number of the appliance

The serial number of the product is unique and unequivocally identifies your appliance. Enter the serial number of your appliance together with other details necessary for the definite identification of your appliance below.

Serial number: _____

Date of purchase: _____

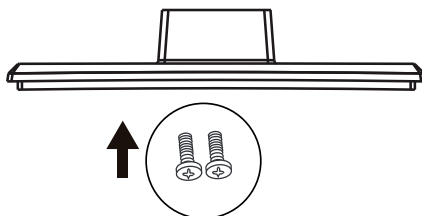
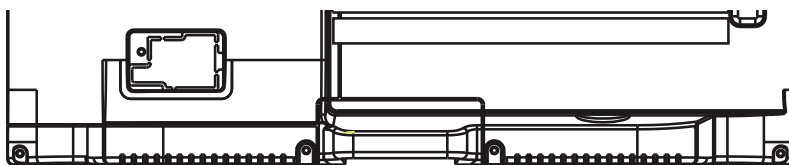
1. Introduction

Thank you for purchasing our television.

Please, read the entire user's manual before installing and setting up the television — it contains important information about the optimal and safe use of all of its functions and features. Keep the user's manual in case of future need.

1.1. Installing the stand

Place the TV with the display side facing downwards on to a flat surface. Use a soft cloth as an underlay, e.g. a blanket or wiping cloth. Screw the stand to the bottom part of the television. Use proportionate force, the appliance is not too heavy.



WARNING:

Improper handling, pulling or climbing over the television may result in it falling and subsequently to damage to property or injuries. Therefore, ensure that children do not play with the television, do not climb over it or otherwise use it in their games. Otherwise, the television or your property may be damaged or injuries may result. Also adhere to all safety notices and instructions contained in this user's manual.

1.2. Installation location of the TV

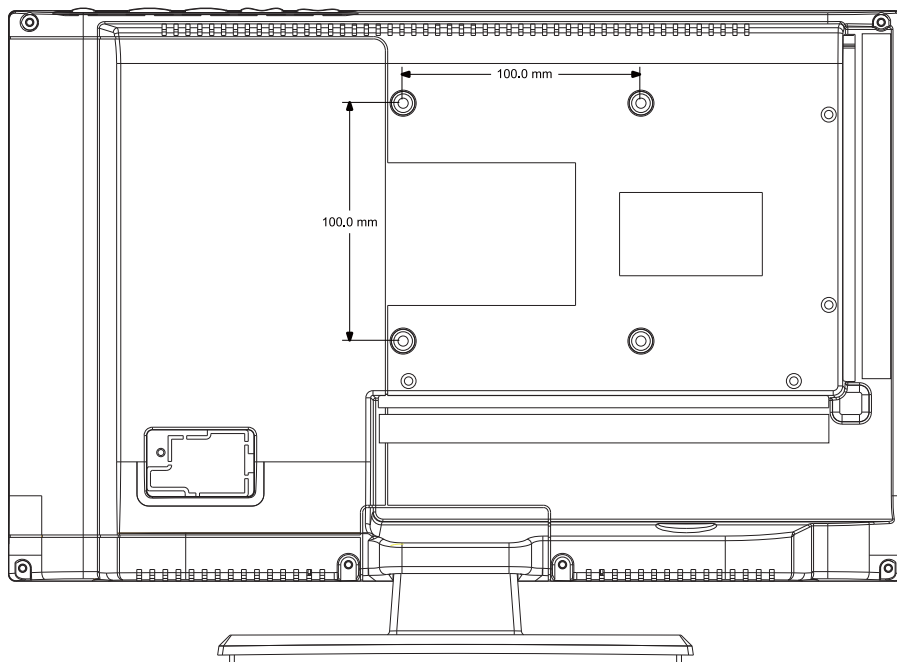
Place the TV on a stable table in a location where it will not be exposed to direct sunlight. Provide for sufficient ventilation of the TV.

Follow the instructions in the preceding part of this user's manual – Safety instructions / Installation.

1.3. Mounting on the wall

Your television can be installed on a wall using a wall mount. **The wall mount is not included.**

Follow the instructions supplied with the wall mount when attaching the television to a wall.

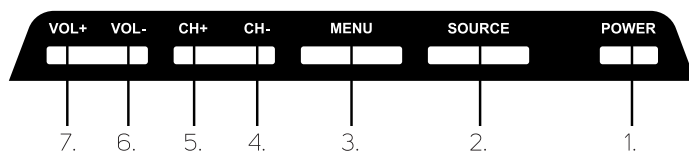
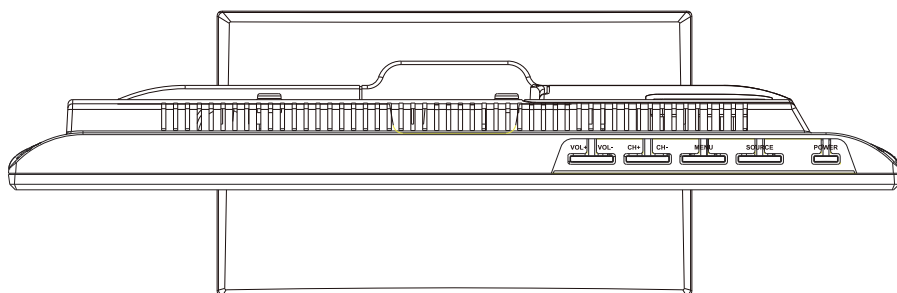
**Note:**

Do not install the wall mount alone. Contact a professional to perform the installation. The television must be installed on the wall only based on the specifications here provided and provide in the wall mount's manual. An insufficient installation or incorrect installation may cause damage to the television, the wall mount or injury to persons.

2. Description of the appliance

Top panel

1. Main power switch
2. Input signal selection
3. Main menu and selection menu
4. Previous channel
5. Next channel
6. Decrease volume
7. Increase volume

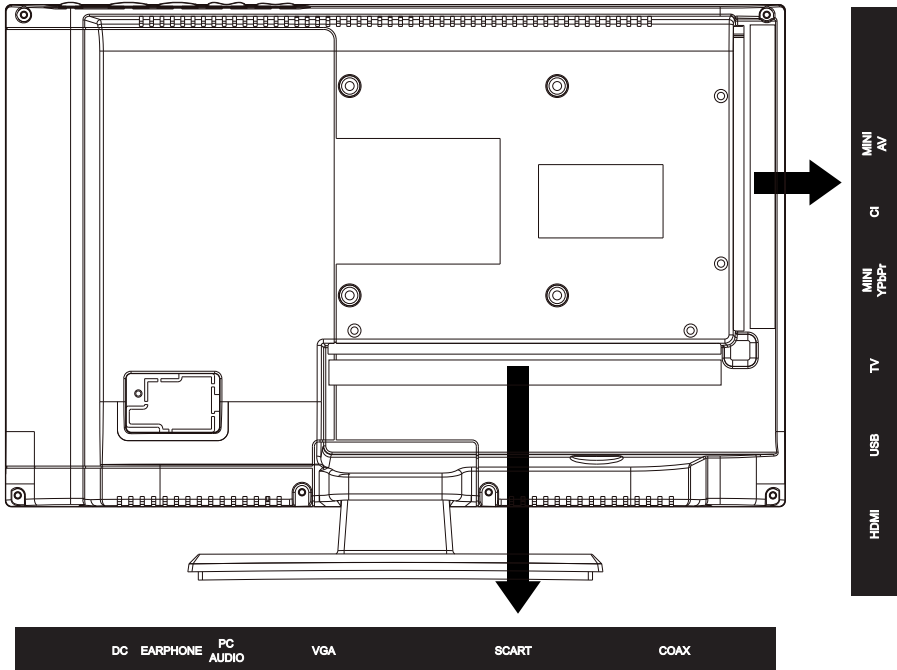


Rear panel and possible connections

List of sockets (from left to right): DC (power adapter connection), EARPHONE (headphone connection), PC AUDIO, SCART, COAX. (coaxial output)

Side panel and possible connections

List of sockets (from top down): MINI AV, CI, Mini YPbPr, TV (antenna), USB, HDMI



Note:

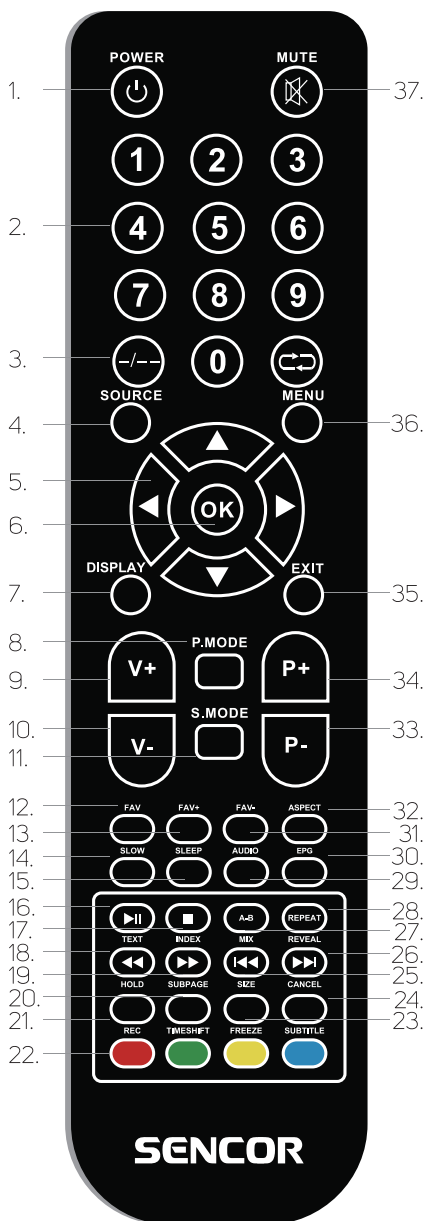
When the HDMI port is receiving DVI video data, the audio signal receives the PC AUDIO input.

Connect the headphone connector into the jack on the appliance. The loudspeakers will be muted.


If the TV is connected to a different device, follow the instructions contained in the user's manual of the connected device.

If you are connecting the TV to a different device, first turn off both the devices and turn them on only after connecting everything.

3. Remote control



1. **POWER button** – button for turning the television on / off (Stand-by)
2. **Numerical buttons 0-9** – direct entry of a channel number or password
3. **-/- button** – entry of a digital channel with a subchannel (if it exists), enter the main channel, then press this button to enter the subchannel and press the ENTER button.
4. **SOURCE button** – display a list of input sources
5. **Direction buttons up/down/left/right** – for navigating in the menu
6. **OK button** – confirm a selection or function
7. **DISPLAY button** – display information about the currently used input or information about a DTV program
8. **P.MODE button** – set the picture mode
9. **VOL+ button** – increase the volume
10. **VOL- button** – lower the volume
11. **S.MODE button** – set the sound mode
12. **FAV button** – show the list of favourite channels
13. **FAV+ button** – skip to the next favourite channel
14. **SLOW button** – set slow playback in USB mode
15. **SLEEP button** – set the shut off timer
16. **►►/TEXT button** – play / pause in the PVR mode, Timeshift, USB / activate / deactivate teletext in DTV mode
17. **■/INDEX button** – end playback / return to index / current page / show list of recordings
18. **◀◀/HOLD button** – fast rewind / Hold or cancel hold of the current page
19. **►►/SUBPAGE button** – fast forward / show a subpage

20. **TIMESHIFT button** – manual entry into the Timeshift mode; after leaving the menu, the TV program stops automatically and the running recording of the program is saved to the memory of a storage device.
21. **REC button** – start a PVR recording in DTV mode
22. **Coloured buttons** – serve as navigation buttons in the OSD or in other menus.
23. **FREEZE button** – freezes the screen
24. **SUBTITLE button** – select subtitles (if they are available)
25. **◀◀/SIZE button** – skip to the previous chapter of the media file / change the size of the display in teletext mode.
26. **▶▶/CANCEL button** – skip to the next chapter of the media file. If a page is selected in teletext mode, it may take some time for it to be displayed. To cancel and return to the TV mode, press the CANCEL button. If the requested page is found, its number is shown in the top corner of the TV screen. Press the CANCEL button to return to the teletext mode and to search for new pages.
27. **A-B/MIX button** – set the repeat playback of a selected section in USB mode / display of the picture and teletext simultaneously
28. **REPEAT/REVEAL button** – set the repeated playback mode in USB mode / show or hide hidden text
29. **AUDIO button** – switch the audio track
30. **EPG button** – Electronic Program Guide – electronic program guide, show and hide
31. **FAV- button** – skip to the previous favourite channel
32. **ASPECT button** – set the side aspect ratio of the screen
33. **P- button** – change channel downwards, page down
34. **P+ button** – change channel upwards, page up
35. **EXIT button** – exit a menu or function.
36. **MENU button** – call up the OSD menu, or return to the previous menu level
37. **MUTE button**  – immediately turn off the sound and renew the previous volume level



ATTENTION

For better visibility, the button description from the **TEXT** below is located **UNDER** the respective button.

Inserting batteries into the remote control

1. Open the battery compartment cover on the rear side.
2. Insert two 1.5V AAA type batteries ensuring correct polarity. Do not use old or used batteries together with new batteries.
3. Close the cover.

Point the remote control to face the remote control sensor on the wireless television and use it at a distance of up to 8 metres. The effective range is shortened by intense light, fluorescent lighting and weak batteries.

Take used batteries to a collection point – they can be harmful to the environment.

Note:

- One set of batteries will last 1 year with standard use.
- If you will not be using the remote control for an extended period of time, take out the batteries to prevent them from leaking and damaging the remote control.
- Do not use old and new batteries at the same time.
- Batteries (battery packaging or inserted batteries) must not be exposed to excessive heat, e.g. sunlight, fire, etc.

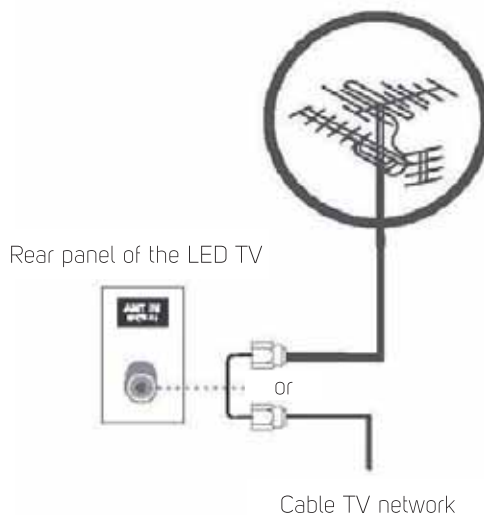
4. Connecting external devices

Prior to connecting any type of external device, check that:

- you have carefully read this user's manual and the user's manual of the external device and understand all the provided instructions, safety measures and warnings.
- both appliances (television and the connected device) are turned off and their power cords have been disconnected from the mains power sockets.

Connect the power cords only after fully completing the connections.

4.1. Antenna connection





1. Use a coaxial cable for connecting the antenna plugs [AIR] (air) or [CABLE] (cable) to the rear panel of the TV.
2. If you are using an antenna "air", connect it to the [AIR] socket. If you are using an antenna "cable", connect it to the [CABLE] socket. If both types are available, connect both types [AIR] (air) and [CABLE] (cable).
3. Connect the power adapter of the TV into a mains power socket once you will not be connecting any other devices.

5. Basic controls

5.1. Turning the television on and off

How to turn the television on and off

1. Insert the power cord plug into a power socket.
2. To turn on the television, press the **POWER**  button on the remote control or the **POWER** button on the television.
3. A normal picture will appear on the television after approx. 15 seconds. In the event that the input signal is missing, the message "No signal" will appear on the screen.
4. If you need to temporarily turn off the television, press the **POWER**  button on the remote control or the **POWER** button on the LCD panel of the television and the television will switch to the stand-by mode.
5. If you want to turn off the television completely, you should pull the power cord out of the power socket.
6. After turning the television off, you should wait at least 5 seconds before turning the television on again.

5.2. Installation

If you turn on the television for the first time or after restoring factory settings, the initial settings menu will appear on the screen.

5.2.1. Country (Country)

Use the direction buttons and the **OK** button to select **Country (Country)**, i.e. the country of installation. If you wish to skip this dialogue box, press the **GREEN** button. If you wish to show the previous dialogue box, press the **RED** button.

5.2.2. Language

Use the direction buttons and the **OK** button to select **Language (Language)**, i.e. OSD language. If you wish to skip this dialogue box, press the **GREEN** button. If you wish to show the previous dialogue box, press the **RED** button.

5.2.3. Auto Power Off (Automatic shut off)

Use the direction buttons and the **OK** button to select **Auto Power Off (Automatic shut off)**, i.e. set the time interval after which the television will turn itself off if no button is pressed. The usual and recommended time interval is 4 hours. If you wish to skip this dialogue box, press the **GREEN** button. If you wish to show the previous dialogue box, press the **RED** button.

5.2.4. TV Connection (TV connection)

Use the direction buttons to select between terrestrial (Air) and cable (Cable) television. If you wish to show the previous dialogue box, press the **RED** button.

5.2.5. Auto Search (Auto tuning)

Use the direction buttons to select between digital and analogue television or both, and press **OK** to select **Auto Search (Auto tuning)**. The television will gradually tune the determined broadcast bands and store the found channels in memory. If you wish to show the previous dialogue box, press the **RED** button.

Then the TV will gradually tune in the entire broadcast band and save the found channels. If channels with the same identification (name + ID + region) are found; each such channel will be saved only once, and only the one with the best reception. Therefore, the number of saved channels may be smaller than the number found channels.

At the end of the installation, the TV will switch to the reception of the channel with the sequence number 1.

6. Main menu

To enter the main menu, press the **MENU** button on the remote control or on the television. To select a submenu and to navigate in the menu, use the direction **arrows up / down / left / right**. Enter the selected item by selecting it and pressing the **ENTER** button. Otherwise, you can use the **MENU** button to return from the current item back to the previous level. Use the **EXIT** button to completely exit the menu. Follow the displayed buttons in the bottom part of the screen.

The main menu contains 5 control and setting sections, such as Picture, Sound, Channel, Properties and Settings.

6.1. Home Mode

Use the **▲/▼** buttons and **OK** to select a mode. If you wish to skip this dialogue box, press the **GREEN** button. For standard use, select **Home mode**. A different mode may have a greater electricity consumption due to adaptation to specific presentation conditions.



6.2. Picture Menu (Picture)

Press the **MENU** button on the remote control to enter the main menu. Using the **up/down** buttons, select the item **Picture (Picture)** and enter the selected item by pressing the **ENTER** button. Here, select the item that you wish to set.



6.2.1. Picture Mode (Picture mode)

Here, select one of the options – **Standard (Standard)**, **Mild (Mild)**, **Dynamic (Dynamic)** or **User (User)**. To directly switch between modes, you can also use the **P.MODE** button on the remote control. The user mode makes it possible to make the 4 (resp. 5) following user settings.

6.2.2. Brightness (Brightness)

Set the brightness of the picture.

6.2.3. Contrast (Contrast)

Set the contrast of the picture.

6.2.4. Sharpness (Sharpness)

Set the sharpness of the picture.

6.2.5. Colour (Colour)

Set the colours of the picture.

6.2.6. Tint (Tint)

Set the tint. This function is not available in PAL reception.

6.2.7. Colour Temperature (Colour temperature)

Set the colour temperature according to your preference. There are 3 available options: **Standard (Standard)**, **Warm (warm)**, **Cool (cool)**.

6.2.8. Aspect Ratio (Side aspect ratio)

Select the side aspect ratio – **Auto**, **4:3**, **16:9**, **Zoom1**, **Zoom2** or **Panorama**. You can also select these option using the **ASPECT** button on the remote control.

6.2.9. Noise Reduction (Noise reduction)

Noise reduction in video – to reduce the amount of noise and improve the picture quality. If you select "Off" (off), then this function will not be activated. Select from **Low (Low)**->**Middle (Middle)**->**High (High)**.

6.3. Sound Menu (Sound)

Press the **MENU** button on the remote control to enter the main menu. Using the **up/down** buttons, select the item **Sound (Sound)** and enter the selected item by pressing the **ENTER** button. Here, select the item that you wish to set.



6.3.1. Sound Mode (Sound mode)

Here select one of the options – **Standard (Standard)**, **Movie (Film)**, **Music (Music)**, **Speech (Speech)** or **User (User)**. To directly switch between modes, you can also use the **S.MODE** button on the remote control. The user mode makes it possible for the user to set the bass and treble.

6.3.2. Bass&Treble (Bass and treble)

Set the balance of bass and treble.

6.3.3. Balance (Balance)

Balance between the left and right audio output channel. If the balance is negative, the audio output will be stronger on the left channel. If the balance is positive, the audio output will be stronger on the right channel.

6.3.4. Surround (Surround sound)

Activate / deactivate the surround sound function.

6.3.5. AVL (Automatic volume level)

Activate / deactivate the automatic volume level function.

6.3.6. SPDIF

Activate / deactivate the SPDIF function.

6.4. Channel Menu (Channel)

Press the **MENU** button on the remote control to enter the main menu. Using the **up/down** buttons, select the item **Channel (Channel)** and enter the selected item by pressing the **ENTER** button. Here, select the item that you wish to set.

It may take a few moments for individual menus and dialogue boxes to appear. Wait until the given menu or dialogue box appears. This is a normal.



6.4.1. Channel Management (Channel management)

Management of all channels (delete, rename, move, lock, replace). The channel is deleted on exiting the channel management menu.

Delete (Delete) - Use the direction buttons to select a channel that you wish to delete (remove) and press the **RED** button once to delete (remove) the channel.

Lock (Lock) - Use the direction buttons to select a channel that you wish to lock and press the **GREEN** button once to lock the channel. To watch this channel you will be asked to enter a valid password. The factory-set password is 0000.

Skip (Skip) - Use the direction buttons to select a channel that you wish to skip when scrolling up/down through the channels and then press the **YELLOW** button once to mark the skip. If you press the **YELLOW** button again, the skip function will be cancelled. **Note:** the skipped channel can still be seen in the channel list, where you can skip it or select it directly by entering its number using the numerical buttons.

Swap (Swap) - Use the direction buttons to select a channel that you wish to swap and press the **BLUE** button. The selected channel will start flashing. Then move to a new channel position using the direction buttons (this new position is flashing) and press the **BLUE** button again to confirm the move – switching of these two programs.

6.4.2. Favorite Management (Management of favourite channels)

Management of favourite channels (add / delete).

Use the direction buttons to select the **Favorite Management (Favourites management)** and then press **OK** to enter the submenu. Now using the coloured buttons you will be able to arrange the channels into lists of favourites. Use the **FAV** button to call up the favourites list.

Use the direction buttons to select the **Country (Country)** and then press **OK** to enter the submenu. Now select the country of installation to launch the automatic tuning process. Use the direction buttons to select the **Auto Search (Auto tuning)** and then press **OK** to enter the submenu. Now select the tuning area.

6.4.3. Country (Country)

Selecting the country of installation.

6.4.4. TV connection (TV connection)

Select the DTV signal mode (terrestrial, cable).

6.4.5. Auto Search (Automatic search)

Selection of automatic search modes (all/digital/analogue). Before the actual tuning is started and the existing channel list is deleted, the following warning appears: Are you sure?

6.4.6. DTV Manual Search (Digital manual search)

Searching for digital channels by manually entering the parameters (only in the air or cable mode).

6.4.7. ATV Manual Search (Analogue manual search)

Searching for analogue channels by manually entering the parameters (only in the ATV mode).

6.5. Feature menu (Features)

Press the **MENU** button on the remote control to enter the main menu. Using the **up/down** buttons, select the item **Feature (Features)** and enter the selected item by pressing the **ENTER** button. Here, select the item that you wish to set.



6.5.1. Lock (Lock)

The lock submenu contains these sections: **Lock Channel (Channel lock)**, **Parental Lock (Parental lock)**, **Change Pin Code (Change password)**.

Use the direction buttons to select **Lock (Lock)** and use the **OK** button to display the dialogue box for the entry of a valid password. After entering a valid password a submenu will appear where you can set the following: Channel lock (activation of a lock on selected channels in the Channel management), Parental lock (the age for limiting the watching of programs unsuitable for children can be set. The broadcaster must rate such programs with a designation of the suitable child age), Change the PIN code (it is appropriate to change factory-set password to your own password), Hotel mode (special mode with various limitations for hotel operation, which are usually set by the installation worker).

Note:

The factory-set password is 0000. If you do change the password, remember it.

6.5.2. Language

This submenu contains the following items: **OSD Language (OSD language)**, **Preferred Subtitles (Preferred subtitles)**, **Preferred Audio (Preferred audio)**, **DTV Teletext Language (DTV teletext language)**, **ATV Teletext Language (ATV teletext language)**.

Use the direction buttons to select the **Language (Language)** and then press **OK** to enter the submenu. Here select the desired menu (OSD) language, preferred subtitles (if they are available with the broadcast), preferred audio (if available in the broadcast), digital and analogue teletext.

Note:

Remember, that even in digital broadcasting it is normal for analogue teletext to be present and it is necessary to set it up correctly.

6.5.3. Clock (Clock)

Serves to set the time and time zone / DST.

Use the direction buttons to select the **Clock (Clock)** and then press **OK** to enter the submenu. Here select the time zone, or DST summer time if appropriate. The recommended value is AUTO, where the information about the time zone and summer time is taken from the broadcast.

Note:

A correct time setting is essential for other time functions – EPG and timers

6.5.4. Sleep timer (Shut off timer)

If the TV is turned on, it is possible to set the shut off timer. This function makes it possible to turn off the TV at a preset time. The following options are available: Off (Off), 10 min, 20 min, 30 min, 60 min, 90 min, 120 min, 180 min, 240 min.

Use the direction buttons to select the **Sleep Timer (Sleep timer)** and then press **OK** to enter the submenu. Here set the time for the television to be switched off to the stand-by mode. A message with a second countdown will appear a few moments before the TV is actually turned off. Pressing any button will cancel both the turning off (the TV will remain turned on) and reset your set timer value.

Note:

The timer sleep interval will again be reset when the television is turned on again.

6.5.5. Auto Power Off (Automatic power off)

If the TV is turned on, it is possible to set the automatic power off function. This function makes it possible to turn off the TV at a preset time. The following options are available: Off (Off), 1 h, 2 h, 4 h.

Use the direction buttons to select the **Auto Power Off (Automatic power off)** and then press **OK** to enter the submenu. Here set the time interval after which the television will turn itself off if no button is pressed.

Use the direction buttons to select the **PVR/Timeshift (PVR/Timeshift)** and then press **OK** to enter the submenu. Here set the PVR recording parameters or Timeshift.

Note:

The actual controls for PVR recording and Timeshift are described further on in the user's manual.

6.5.6. Hearing impaired (Hearing impaired)

This function enables the display of subtitles at selected scenes for users with a hearing impairment.

Use the direction buttons to select the broadcasting function **Hearing Impaired (Hearing impaired)** and then press **OK** to enter the submenu. Use the direction buttons to select "On" (On) or "Off" (Off). The function will display special subtitles if the program has them.

6.5.7. CI Information (CI information)

This function is available only in the DTV mode under the condition that the PVR function is not activated. More information in Chapter CI Setup (CI Setup).

Use the direction buttons to select the **CI Info (CI Info)** and then press **OK** to enter the submenu. Here you will enter your conditional access module that is inserted in the CI slot of the television.

Note:

The appliance is equipped with a category CI slot. If your category CI+ conditional input module does not work correctly or the functions are limited.

6.5.8. PVR/Timeshift

More information further in the user's manual.

6.6. Setup Menu (Settings)

Press the **MENU** button on the remote control to enter the main menu. Using the **up/down** buttons, select the item **Setup (Settings)** and enter the selected item by pressing the **ENTER** button. Here, select the item that you wish to set.



6.6.1. OSD Timer (OSD display time)

Set the time interval for which OSD is shown on the screen. Select from: 5, 10, 15, 20, 25, 30 s and Never (menu is permanently displayed until Exit is pressed).

6.6.2. Auto SCART

Select the Auto SCART function.

6.6.3. PC Setup (PC Settings)

This function is only available when the PC source is selected. To set the VGA picture processing parameters, it is necessary for there to be a signal on the VGA input

6.6.4. Reset TV Setting (Reset TV settings)

If the channel lock is activated, it is necessary to enter a valid password to enter the Reset menu. The system and the channel list (database) will be reset. As soon as the reset function is completed, enter the Auto installation menu. First a confirmation dialogue box will appear.

6.6.5. Software Upgrade (Software upgrade)

The software upgrade is performed on the basis of a bin code. Enter the bin code into the directory of the media that is connected to the USB slot. Then press the ENTER button to start the upgrade. Do not turn off the TV during the upgrade process. The system will restart as soon as the process is completed.

Note:

Use only the software supplied by the television manufacturer and follow the instructions that come with it. Otherwise, the appliance may suffer irreparable damage that is not covered by the warranty.

Note:

Use the ▲/▼ buttons to select the **Home Mode** and then press **OK** to enter the submenu. Here select the operating mode.

7. Multimedia

Press the **SOURCE** button on the remote control / on the television and select a source. For the selection, use the direction buttons and to enter the selected item, press the **OK** button.

If you use a USB device, check that the USB device is connected to the slot.

Common functions:

to playback one (selected) file, press the **PLAY/PAUSE** button, to return to the list of files, press the **EXIT** button. In the file list it is possible to delete the selected files (red button). To playback multiple files, add them to the Playlist by pressing **OK**. If you wish to add all the files in the directory, press the green button. Then launch the Playlist by pressing **PLAY/PAUSE**. Playback can be paused by pressing **PLAY/PAUSE** or ended by pressing the **STOP** or **EXIT** buttons. If necessary the Playlist can be displayed and edited even during playback in the local menu in the item List of playlists. The **INFO** button will display the available information about the current file. Pressing **OK** will display the **LOCAL MENU** playback function represented by icons, the **EXIT** button will hide them again. In the local menu, it is possible to select individual functions using the left/right arrows and pressing **OK**.

It is possible to select from the following media options (from left to right):

7.1. Photo (Photo)

Highlight the item **Photo (Photo)** in the multimedia menu with the left/right button and then press the **ENTER** button to enter the submenu.

7.1.1. Supported formats

Extension	Max. resolution
JPEG	165370.
Progressive JPEG	61648.
BMP	101439.
PNG	101439.
GIF	
TIFF	

7.1.2. Control buttons

Red button: delete the selected directory/file

Green button: add / delete all photos from the playlist

ENTER button: add / delete all highlighted files from the playlist

CH+/- buttons: page up/down

PLAY button (playback): play files from the playlist.



7.1.3. Playback

Press the ►|| button to start playback.



The ►|| icon serves to start playback in the same way as the ►|| button on the remote control.

The ■ icon serves to pause playback in the same way as the ►|| button on the remote control.

The ■ icon serves to stop playback and to return to the file list in the same way as the ■ button on the remote control.

The ◀▶ icons serve to skip to the previous or next file in the same way as the ◀◀/▶▶ buttons on the remote control.

The ↺ icon serves to rotate the picture (0°, 90°, 180°, 270°).

The 🔍 icon serves to zoom in on the picture.

The ⓘ icon serves to display information about the current file in the same way as the DISPLAY button on the remote control.

The ⚙ icon serves to enter the Photo (Photo) menu including the setting of the repeated playback mode, setting background music, selection of a musical source, setting the image slideshow interval and the slideshow effect.

The 📄 icon serves to enter the playlist menu.

7.1.4. Miniatures

The miniatures mode can only be used in the photo mode and by pressing the **EXIT** button and then the **right** button you highlight the file.

The direction buttons serve to navigate among the files.

Press the **EXIT** button and then the **left** button to change the image list mode.



7.2. Music (Music)

Highlight the item **Music (Music)** in the multimedia menu with the left/right button and then press the **ENTER** button to enter the submenu.

7.1.2. Supported formats

WAVE	LPCM ADPCM
WMA	WMA STD WMA Prof
AAC	AAC-LC/HE-AAC
AC3	AC3 E-AC3
MPEG	MP1 MP2 MP3 AAC-LC HE-AAC
Read Audio	AAC / HE AAC Cook
Ogg	Vorbis
FLAC	FLAC
DTS	DTS

7.2.2. Control buttons

Red button: delete the selected directory/file

Green button: add / delete all photos from the playlist

ENTER button: add / delete all highlighted files from the playlist

CH +/- buttons: Page up/down

PLAY button (playback): play files from the playlist.



7.2.3. Playback

Press the ►|| button to start playback.




The ► button icon serves to start playback in the same way as the ►|| button on the remote control.

The || button icon serves to pause playback in the same way as the ►|| button on the remote control.

The ■ button icon serves to stop playback and to return to the file list in the same way as the ■ button on the remote control.

The ◀▶ icons serve to fast forward / rewind in the same way as the ◀◀▶▶ buttons on the remote control. The speed can be increased to: X2, X4, X6, X8.

The ◀▶ icons serve to skip to the previous or next file in the same way as the ◀◀▶▶ buttons on the remote control.

The  icon serves to select the repeated playback mode: Repeat 1 (repeat 1), Repeat All (Repeat all), Repeat Dir (Repeat directory) and Random (random).

The  icon serves to switch between the Information and Playlist modes.

The  icon serves as the blue button on the remote control to close the panel only in the Music mode; to reopen press any button on the remote control.

7.3. Movie (Film)

Highlight the item **Movie (Film)** in the multimedia menu with the left/right button and then press the **ENTER** button to enter the submenu.

7.3.1. Supported formats

Contents	Video decoder	Max. resolution
AVI	MPEG-4 ASP H.264 DivX Xvid WMV 9 / VC-1	1920×1080
	MPEG-4 SP	CIF (352×288) QCIF (176×144)
	MJPEG	1280×720
MPEG 1/2	MPEG-1 Video MPEG-2 Video	1920×1080
MPEG4	MPEG-2 Video MPEG-4 ASP H.264 Xvid MJPEG H.264	1920×1080
WMV	WMV 9 / VC-1	1920×1080
RealMedia	RV30 / RV40	1920×1080
Flash	Sorenson H.263 H.264	1920×1080
QuickTime	MPEG-4 ASP H.264 MJPEG	1920×1080
ASF	WM3 / WVC1 MP4S / M4S2	
Matroska Video	MPEG-2 Video MPEG-4 ASP H.264 Xvid DivX DivX Plus HD RV30 / RV40 WMV9/VC-1	1920×1080

DivX	MPEG-4 ASP DivX Xvid	1920×1080
TS Stream	MPEG-2 Video H.264 WMV 9 / VC-1	1920×1080

7.3.2. Control buttons

Red button: delete the selected directory/file

Green button: add / delete all photos from the playlist

ENTER button: add / delete all highlighted files from the playlist

CH+/- buttons: page up/down

PLAY button (playback): play files from the playlist.



7.3.3. Playback

Press the ►|| button to start playback.






The ► icon serves to start playback in the same way as the ►|| button on the remote control.

The || icon serves to pause playback in the same way as the ►|| button on the remote control.


The ■ icon serves to stop playback and to return to the file list in the same way as the ■ button on the remote control.

The ◀▶ icons serve to fast forward / rewind in the same way as the ◀◀/▶▶ buttons on the remote control. The speed can be increased to: X2, X4, X6, X8.

The   icons serve to skip to the previous or next file in the same way as the   buttons on the remote control.

The  icon serves to enter the slow-motion playback mode. The playback speed can be set to: 1/2, 1/4, 1/8, 1/16 which are displayed as "X1/2, X1/4, X1/8, X1/16" on the screen.


For entry to the step playback mode.

The  icon serves to set the automatic playback of an AB section. First mark the starting point of the repeated playback, point A, and then mark the end point of the repeated playback, point B, and the system will repeatedly playback the designated A-B section.

The  icon serves to enter the playlist menu.

The  icon serves to display information about the current file in the same way as the DISPLAY button on the remote control.

The  icon serves for entry to the film settings menu, including the settings of programs, subtitles, audio and repeated playback mode.

The  icon serves for entry to the "go to" function, where you enter the playback time to which you wish to skip.

7.4. eBook (e-book)

Highlight the item **eBook (e-book)** in the multimedia menu with the left/right button and then press the **ENTER** button to enter the submenu.

7.4.1. Supported formats

Only .txt formats are supported.

7.2.4. Control buttons

Red button: delete the selected directory/file

Green button: add / delete all files from the playlist

ENTER button: add / delete all highlighted files from the playlist

CH+/- buttons: page up/down

PLAY button (playback): play files from the playlist.



7.4.3. Playback

Press the ►|| button to start playback.

Red button: add / delete a bookmarks

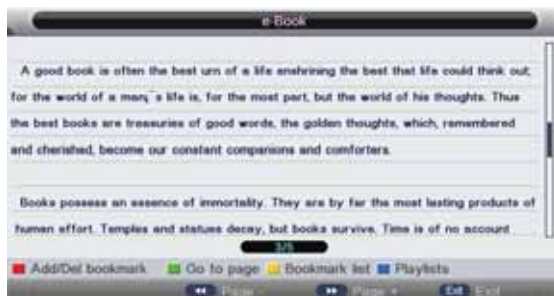
Green button: enter a page number

Yellow button: enter the bookmark list page

Blue button: enter the playlist page

◀◀/▶▶ buttons: go up / down a page

EXIT button: close the file and return to the file list



8. User settings

This chapter describes the settings and function of the user interface outside the main menu such as EPG, CI Setup (CI setup), Recorder (recorder), Timeshift (Recording with Timeshift), Playback (Playback) and Auto Installation (Auto installation).



8.1. Favorite List (List of favourites)

In the DTV mode it is possible to enter the list of favourites using the **FAV** button. Four groups of favourite channels can be renamed by the user, e.g. names of members of the household.

8.2. Program Information (Program information)

In the DTV mode, press the **INFO** button to display information about the program that is being broadcast. Depending on the information received from the broadcast, the name of the program, duration, resolution and accompanying services will be displayed. The current time is also shown. The information is available for the current and following program (Present/Following Table) and they can be selected using the left/right arrows.

8.3. Audio (Audio)

In the DTV mode, press the **AUDIO** button to enter the **Audio Language (Audio language)** menu. Use the direction buttons to select the desired language from those broadcast on the channel.

8.4. Subtitle (Subtitles)

In the DTV mode, press the **SUBTITLE** button to display the subtitles from those broadcast on the channel.

Note:

The offered sounds and subtitles are the responsibility of the channel broadcaster.

8.5. DTV/Radio Switch (Switching between DTV/radio)

In the DTV mode, press the **DTV/RADIO** button to switch between the digital television and digital radio channel modes.

8.6. EPG

In the DTV mode, press the **EPG** button to display the electronic program guide. For navigating in the submenu, use the coloured and direction buttons, while following the instructions shown on the screen.

The **red** button can be used to switch between the daily and weekly display.

In the selected program (in the weekly display you will go right to the list of programs) it is also possible to add a timer - the **green** button cyclically switches a reminder about the start of a program and switches to this program, recording of a selected program and cancelling the timer. The selected time function is accompanied by a symbol next to the program. In the display it is possible to move to the previous or next day by pressing the **yellow**, respectively **blue** button. Pressing the **DISPLAY** button will display further information about the given program.



Note:

EPG information is the responsibility of the channel broadcaster. Loading all information takes a few moments depending on the amount of data. The broadcaster usually provides information about programs for 7 days in advance.

Note:

Correct information about program starting times also depend on a correct time zone setting. The information of several programs is sent together for programs in so-called multiplexes (usually 4-6 programs), to load information from another multiplex, select one of the programs from this multiplex. Information is repeatedly sent in packages. Wait until all the information has been loaded, usually 1-4 minutes (determined by the broadcaster).

9. Personal video recorder (PVR)



ATTENTION

Before commencing to record a DTV broadcast on to a USB device or a HDD, connect the USB device or HDD to the television and test the operation of the USB memory and the reliability of the recording, particularly the writing speed to a USB memory. During connection the television tests the USB memory and issues a report about it. The test result is stored in a small file UsblInfo.txt, where the memory's speed classification is recorded. In the event of an unsatisfactory test result, format the USB memory directly in the television and repeat the connection. In the event of permanently unsatisfactory test results, use a different USB memory.



IMPORTANT INFORMATION

IT IS ONLY POSSIBLE TO MAKE RECORDINGS IN THE DTV MODE. IT IS NOT POSSIBLE TO MAKE RECORDINGS IN ATV MODE OR FROM CONNECTED EXTERNAL DEVICES (such as external decoder, CANAL+ decoder, etc.).

9.1. PVR

This menu serves to enter the PVR mode, including the PVR menu, recording flow, playback and prevention of recording.

The PVR menu contains:

1. PVR/Timeshift menu
2. List of directories
3. Timer menu
4. Timer edit menu
5. Recordings list menu
6. Recording info menu
7. Timeshift info menu

9.1.1. PVR/Timeshift menu

Information: The PVR/Timeshift menu contains practically all information about the relationships with the PVR.

Entry method: Main menu – Features – PVR/Timeshift – PVR/Timeshift menu.

The following screen will appear:



(PVR/Timeshift menu)

Function

Items	
Partition selection	Display information
	Formatting of a partition
	Setting a default partition
Automatic Timeshift	Automatic Timeshift: Off (Off) - Auto (On);
Timeshift Buffer	Timeshift Buffer settings: auto - 30 min - 1 h - 2 h
Timer	Entry to the timer menu
	Preset information about programs
	Add - delete preset programs
List of recordings	Entry into the list of recordings
	Display of information about the recordings
	Playback of recordings

(List of PVR/Timeshift functions)

Key buttons in the menu:

Key buttons	Event
Up button	Skip to the previous selection in the left part of the function list.
Down button	Skip to the next selection in the left part of the function list.
Left button / Menu button	To return to the previous menu level.
Right button / ENTER button	Skip to the next menu in the left part of the function list.
Exit button	Exit from all menus.

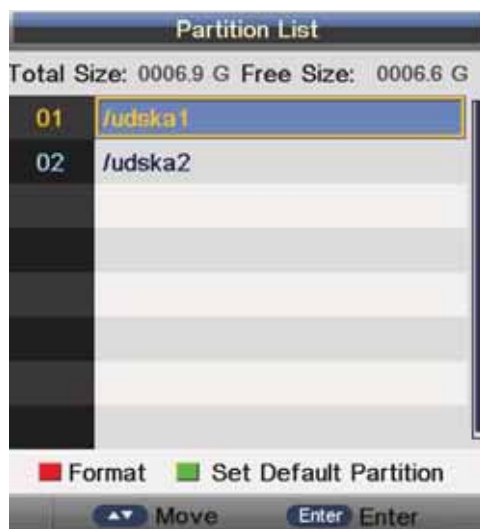
(Key PVR/Timeshift menu buttons)

9.1.2. Partition selection

Information: The partition selection menu contains directories interconnected with the system.

Entry method: PVR/Timeshift menu – Partition selection – Directory list menu.

The following screen will appear:



(Directory list menu)

Function

- 1. Partition:** The partition selection menu contains partitions interconnected with the system.
- 2. Properties of the partitions:** Total size and free capacity;
- 3. Formatting of partitions:** Press the red button to format a partition. Before formatting a confirmation dialogue box will appear, if formatting is successful then the message "Format Success!" will appear. (Formatting was successful), if formatting failed then "Format Fail!" (Formatting was unsuccessful).
- 4. Setting a default partition:** Press the green button to make the selected partition as the default partition. The recorder will save on the selected partition. If the default partition is full, it is necessary to perform a restart.

Key buttons in the menu:

Key buttons	Event
Up button	Skip to the previous selection in the partition list.
Down button	Skip to the next selection in the partition list.
MENU button	Return to the previous menu (PVR/Timeshift menu, partition selection).
Red button	Format the selected partition.
Green button	Set the selected partition as the default partition.
EXIT button	Exit from all menus.

(Key partition list menu buttons)

9.1.3. Timer menu

Information: The timer menu contains preset programs, the user can add / delete preset programs from the menu.

Entry method:

- PVR/Timeshift menu – Timer – Timer menu
- Press the **CLOCK button to enter the timer menu if another menu is not open.**

The following screen will appear:



(Timer menu)

Explanations

1. CH NO.: Channel number
2. Channel: Name of channel
3. Start: Recording starting time
4. Duration: Total duration time:
5. Date: Recording start date
6. Mode: Recording mode
7. The current date and time of the system will appear in the top left part of the menu.

Note:

1. This information, with the exception of g), comes from preset programs in the timer edit menu or EPG.
2. The yellow button serves to add and the blue button serves to edit in the timer edit menu. Press the red button to delete the highlighted program, press the green button to delete all programs.

Key buttons in the menu:

Key buttons	Event
Up button	Skip to the previous selection in the recordings list.
Down button	Skip to the next selection in the recordings list.
Red button	Delete the selected program.
Green button	Delete the all programs.
Yellow button	Add a program; entry to the timer edit menu.
Blue button / ENTER button	Edit the selected program; entry to the timer edit menu.
MENU button	Return to the previous menu (PVR/Timeshift menu, timer selection).
Exit button	Exit from all menus.

(Key timer menu buttons)

9.1.4. Timer edit menu

Information: The user can set / edit the information about preset programs in the timer edit menu.

Entry method: Timer menu – yellow button for adding or blue button / ENTER button for editing – Timer edit menu.

The following screen will appear:



(Timer edit menu)

Function

- 1. Recorder:** Off (Off) / On (On). Off (Off) means that the preset program can only be watched, On (On) means that the preset program can be watched and recorded.
- 2. Type:** DTV / Radio, DTV means that the preset DTV programs and Radio means preset radio stations.
- 3. Channel:** DTV channels or radio stations
- 4. Starting time:** Starting time of the recording; format: hours/minutes
- 5. Duration:** Total recording time, format: hours/minute, PS, the Status of this selection is not possible, only if the recorder is turned on.
- 6. Date:** Start of recording date, format day / month / year
- 7. Mode:** Once / Daily / Weekly / Monthly

Note:

- The starting time must be sufficient (set with respect to the current time); if the timer is repeated or is not sufficient, the message "Set timer fail!" (Incorrectly set timer) will appear.
- The edit function is similar to the add function but the type and channel can be changed.

Key buttons in the menu:

Key buttons	Event
Up button	Skip to the previous selection in the editing list.
Down button	Skip to the next selection in the editing list.
Numerical buttons 0-9	Editing of starting time / Duration / Date.
ENTER button	Confirmation of selection. (for pop list selections)
MENU button	Return to the previous menu (timer menu) and save the settings.
EXIT button	Exit from all menus.

(Key timer edit menu buttons)

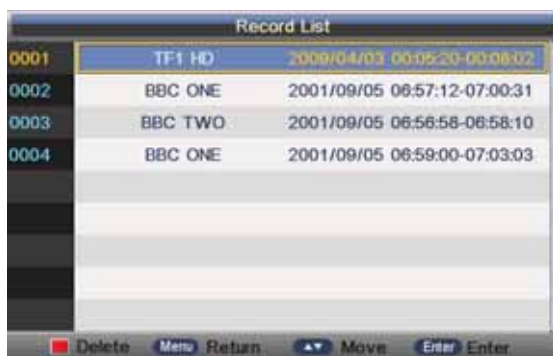
9.1.5. Recordings list menu

Information: The recordings list menu contains the recordings of programs. The user can playback directly from this menu.

Entry method: PVR/Timeshift menu – List of recordings – Recordings list menu.

Alternative entry: INDEX button on the remote control

The following screen will appear:



(Recordings list menu)

Key buttons in the menu:

Key buttons	Event
Up button	Skip to the previous selection in the program list.
Down button	Skip to the next selection in the program list.
ENTER button	Playback the selected program.
MENU button	Return to the PVR/Timeshift menu (targeted at the selection of the recordings list)
EXIT button	Exit from all menus.

(Key recordings list menu buttons)

9.1.6. Recording info menu

Information: Recording info menu appears as a flag. After starting a recording, all the times will be shown in this menu until the recording stops (with the exception of certain existing menus).

Entry method: It will appear automatically after starting recording.

Recording info bar

Information: The recording info bar displays certain current information about the recorder. With the Timeshift info bar the recording info bar displays various information.

Entry method: After starting recording, press the **DISPLAY button to display the information bar.**

Functions:

1. The time equals the current recording time minus the starting time of the recording.
2. The recording progress bar compares the current length of the recording with the free capacity on the disk at the moment that the recording is started.
3. MB Free is the immediately available free disk space.

The following screen will appear:



(Recording info menu)

Key buttons in the menu:

Key buttons	Event
Pause button	Start or pause playback
DISPLAY button	Display the information bars.
STOP button	End a recording

(Key recording buttons)

9.1.7. Timeshift info menu

Information: After starting the Timeshift function, the time will be shown in this menu until the Timeshift function stops (with the exception of certain existing menus).

Entry method: It will appear automatically after starting the Timeshift function.

Timeshift info bar:

Information: The Timeshift info bar displays certain current information about the Timeshift.

Entry method: After starting the Timeshift function, press the **DISPLAY button repeatedly to display the information bar.**

Functions:

1. The time equals the current playback time minus the starting time of the recording.
2. The recording progress bar compares the current length of the recording with the free capacity on the disk at the moment that the recording is started. The black triangle icon is the current length of the recorded recording compared to the current length of the recording.
3. MB Free is the currently available free space on the disk.
4. The menu of the right red time has the same function as the information bar (only if the information bar menu is closed).

The following screen will appear:



(Timeshift info menu)

Key buttons in the menu:

Key buttons	Event
Pause button	Start or pause playback
DISPLAY button	Entry to the information bar menu and closing the time menu.
STOP button	End Timeshift.
FF button	Fast forward "x2", "x4", "x8", "x16".
FB button	Fast back "x2", "x4", "x8", "x16".

(Key Timeshift buttons)

9.2. REC (Recording)**9.1.2. Recording progress**

1. Set the working partition (default partition): (This step is also adapted for Timeshift)
 - Here is a list of partitions, that displays the partitions linked to the system, press the **green** button to set the default directory of the partition.
 - If the user does not set a different one, the system will set a partition, which is recognised as the default before the actual recording.
 - The recordings will be saved in the default partition.
2. Press the **REC** button to start recording, if the program is being watched, the message "Do you want to start Recording?" (Do you want to start recording?) will appear. After confirming, the system will read the speed of the storage device. If the speed is too low for recording, the message "Device speed not enough, RECORD anyway?" (Recording speed is not sufficient, record anyway?) will appear, if you select Yes (Yes), the recording will continue. If on the other hand the speed is too high, the initialisation will be performed first and the recording will be started later.



(Recording confirmation)



(Initialisation of the recorder)

3. If the initialisation is unsuccessful, a recording info menu will appear in the top corner of the screen and the recording will start, while the program is being played back in the background.
4. Repeatedly press the **DISPLAY** button to display the information about the current recording in the form of an information bar, where the current recording time and recording progress are shown. The recording time depends on how long the program was recorded.
5. If the signal is unstable, pauses may arise.
6. The recording progress will end if the appliance does not have free space. A warning message will appear on the screen about the end of the recording and only normal playback will continue. Otherwise the recording will end automatically when the timer finishes. Likewise, you can press the **STOP button to manually end the recording.**



(information about the recording and a message about the end of the recording).

7. The system will inform the user about warning messages and will attempt to continue in the recording if there are some bad tracks on the disk.

9.3. Recording timer

To set the timer, proceed as follows:

1. In the EPG menu, select programs which you wish to watch or record.
2. Press the **green** button once to select a program which you wish to only watch (as soon as the program's time comes, the program will appear and be played).
3. Press the **green** button twice to select a program which you wish to only record (as soon as the program's time comes, the program will appear and the recording will start). If the time comes while the appliance is the stand-by mode, the appliance will turn itself on 2 minutes before the start of the recording and will start recording without turning on the screen. In order to watch the program it is necessary to turn on the television.
4. You can check the selected programs in the timer menu.

10. Troubleshooting

Before calling the service centre, please check that you cannot remedy the problem yourself according to the points provided below. If the problem persists, stop using the TV and contact an authorised service centre. Under no condition should you repair the appliance yourself.

1. The screen is empty or the TV cannot be turned on.

- Check that the power cord is correctly connected and that the power socket is appropriate for the TV plug.
- Check that there is voltage inside the power socket.
- Check that the main power switch is in the "ON" position (if the TV is equipped with one).

2. No picture.

- Check that the TV is turned on and is in the TV mode (press the **POWER** button).
- Check that the audio cable is correctly connected. Disconnect the power cord, wait several minutes and then reconnect it.
- Check that the antenna cable is correctly connected.
- Check that the antenna settings are correct.
- Check the TV brightness setting.
- Check whether a broadcasting outage of the channel occurred. Contact the channel operator to check that the channel is in operation.

3. Weak picture and poor picture quality.

- Move the antenna so that obstacles are not blocking the signal.
- Check that there is no mobile phone or microwave oven in the vicinity of the TV.
- Use a coaxial cable with an impedance of 75 ohms to connect the antenna to the TV.

4. No or weak audio.

- Check whether the AV cable is correctly connected.
- Check the TV volume setting.
- Check that you have not pressed the MUTE button.
- Check the audio type and the soundtrack option in the AV menu.

5. Remote control is not working.

- Point the remote control directly at the television at the location where the remote control sensor is located.
- Prevent sunlight or light from fluorescent tubes from falling directly on to the remote control sensor.
- Take out and reinsert the batteries.
- Replace the batteries with new ones.

11. Technical specifications

Model	SLE 1660M4
Diagonal	15.6" (approx. 40 cm)
Power consumption	20 W
Power consumption while in stand-by mode	<=0.5 W
Rated voltage	Power adapter - input 100-240 V ~ 50-60 Hz, output 12 V 2 A
Remote control	Yes
VESA wall mount	100x100
Dimensions with the stand (W x H x D)	376x274x120 mm
Dimensions without the stand (W x H x D)	376x240x38 mm
Dimensions of the packaging (W x H x D)	468x83x295 mm
Net weight with the stand	1.30 kg
Net weight without the stand	1.18 kg
Connections	
RF IN	1
AV input	1
SCART	1
Component YPbPr	1
Mini AV	1
VGA (D-Sub 15 pin)	1
HDMI	1
SPDIF coaxial	1
USB	1
Supported USB formats	see preceding parts of this user's manual
CI slot	1
Other functions	
WXGA resolution	1366x768
Brightness (cd/m2)	300
Aspect ratio	16:9
Dynamic contrast	8000:1
Response time (ms)	5
Number of colours	262,144
Adjustable colour temperature	standard/warm/cool

Viewing angle	150 / 150
Built-in tuner	Siliconlabs SIL2158
Video system	ATV: PAL/SECAM
	DTV: MPEG 2 MP@HL, MPEG-2, MP@HL, H.264
Audio system	ATV: DK,BG,I,L/L'
	DTV: MPEG-1 Layer 1/2, MPEG-2 Layer 2, DD, DD+
Stereo sound	NICAM/A2
Audio output	COAX/HEADPHONES
PVR recording on USB	Yes
Sound correction	Not available
Progressive scan	Not available
Time shift function (Timeshift)	Yes
EPG	Yes
Teletext	Yes
Teletext pages	1000
Comb filter	Yes
OSD menu	English/Czech/Slovak/ Hungarian/Polish
Zoom	Yes
Noise reduction	Yes
Shut off / start up / sleep timer	Yes
Subtitles	English/Czech/Slovak/ Hungarian/Polish
Audio language	English/Czech/Slovak/ Hungarian/Polish
Channel list	Yes
List of favourites	Yes
Freeze picture	Yes
Radio	Yes
Lock	Yes
Parental Guidance	Yes
Hotel mode	Not available

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.



DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES

The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.



This product meets all the basic EU regulation requirements that relate to it.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.

SENCOR®

EN Warranty conditions

Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers

Visit www.sencor.eu for detailed information about authorized service centers.